

# CAT6A AUGMENTED CABLE RISER RATED (CMR)

## 064-400 & 064-600 SERIES

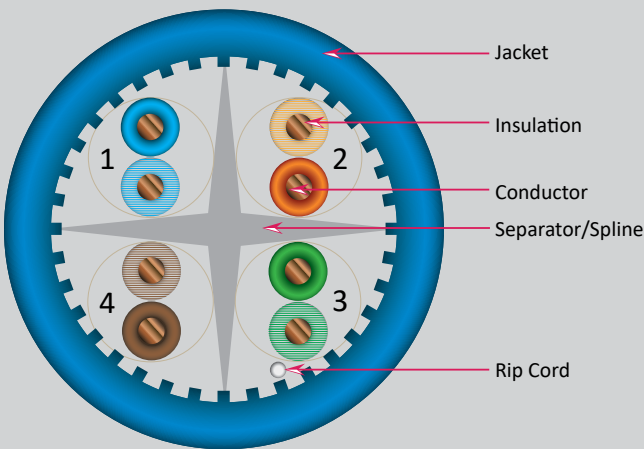


### DESCRIPTION

**CAT6A UTP CMR (Riser-Rated)  
23 AWG Solid Bare Copper**

### FEATURES

- 23 AWG Bare Copper Conductors
- Unshielded Twisted-Pair (UTP) Construction
- Riser Fire Safety Rating (CMR)
- Easy-to-See Vivid-Color Conductor Insulation & Jacket
- Exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 Transmission Performance Specifications
- Suitable for 10 Gb High-Speed Applications
- ETL-Listed, RoHS-Compliant
- Designed in the USA, Imported Product
- Packaging: Wooden Spool, 1000 ft
- Weight: 39 lb



Conductors	Count:	8 conductors / 4 pairs
	Gauge:	23 AWG
	Diameter:	0.022 in. (0.57 mm ±0.01 mm)
	Material:	Solid bare copper
	DC resistance:	≤75.6 Ohm/km
	DC resistance unbalance:	≤5 %
Conductor Insulation	Diameter:	0.04 in. (1.05 mm ±0.05 mm)
	Thickness, nominal:	0.01 in. (0.23 mm)
	Material:	HDPE (high-density polyethylene)
Colors:	1: Blue	2: White-blue
	3: Orange	4: White-orange
Colors:	5: Green	6: White-Green
	7: Brown	8: White-brown
Twisted pairs	Pair bundle twist pitch:	3.7 in. (95 mm ±10 mm)
	Pair bundle OD	0.21 in. (5.3 mm ±0.3 mm)
	Colors:	1: Blue/White-blue 2: Orange/White-orange 3: Green/White-Green 4: Brown/White-brown
	Delay skew:	≤45 ns/100 m
	NVP:	69 %
	Characteristic impedance:	100 Ohm ±15 Ohm (1–100 MHz) 100 Ohm ±22 Ohm (100–250 MHz) 100 Ohm ±25 Ohm (250–500 MHz)
Cable jacket	Outside diameter:	0.29 in. (7.4 mm ±0.3 mm)
	Thickness, nominal:	0.02 in. (0.55 mm)
	Point thickness, minimum:	0.0196 in. (0.50 mm)
	Material:	PVC (polyvinylchloride)
	Colors:	Check Availability
Pair separator:	Cross-type	
Rip-cord:	Yarn	
Jacket print:	VERTICAL 4001453 cETLus VERIFIED CMR FT4 UTP 4PR 23AWG 10GS AUGMENTED CAT6A ANSI/TIA-568.2-D RoHS	
Operating temperature:	-20 °C–70 °C	
Compliance:	RoHS	



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Rev. 08/2022

Specs subject to change without notice.  
It is the sole responsibility of the user to have the most current specs.

# CAT6A AUGMENTED CABLE RISER RATED (CMR) with ridges

## PERFORMANCE

Voltage Rating  
Product Standard Certification  
Flammability Test

30 V  
CMR

### Permanent link transmission performance (at 20 ° C)

Frequency MHz	Attenuation (dB/100m ) Max	RL (dB) Min	ACRF (dB) Min	PSACRF (dB) Min	NEXT loss (dB) Min	PS-NEXT (dB) Min
1.0	1.9	19.1	64.2	61.2	65.0	62.0
4.0	3.5	21.0	52.1	49.1	64.1	61.8
8.0	5.0	21.0	46.1	43.1	59.4	57.0
10.0	5.5	21.0	44.2	41.2	57.8	55.5
16.0	7.0	20.0	40.1	37.1	54.6	52.2
20.0	7.8	19.5	38.2	35.2	53.1	50.7
25.0	8.8	19.0	36.2	33.2	51.5	49.1
31.25	9.8	18.5	34.3	31.3	50.0	47.5
62.5	14.0	16.0	28.3	25.3	45.1	42.7
100.0	18.0	14.0	24.2	21.2	41.8	39.3
200.0	26.1	11.0	18.2	15.2	36.9	34.3
250.0	29.5	10.0	16.2	13.2	35.3	32.7
300.0	32.7	9.2	14.6	11.6	34.0	31.4
400.0	38.4	8.0	12.1	9.1	29.9	27.1
500.0	43.8	8.0	10.2	7.2	26.7	23.8



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